

TO/61/10

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))</small>		Attorney Docket No.	2313.2001-001
		First Named Inventor or Application Identifier	Chris L. Jones
		Express Mail Label No.	EL552573780US

Title of Invention **METHODS OF AND APPARATUS FOR SEPARATING AND DETECTING NUCLEIC ACID**

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form  
*(Submit an original, and a duplicate for fee processing)*
2.  Specification **[Total Pages 65 ]**  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to microfiche Appendix
  - Background of the Invention
  - Summary of the Invention
  - Brief Description of the Drawings
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3.  Drawing(s) (35 U.S.C. 113) **[Total Sheets 27 ]**
  - Formal  Informal
  - Fig. of the Drawings for Publication **[ 2 ]**
4.  Oath or Declaration/POA **[Total Pages [ ] ]**
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 C.F.R. 1.63(d))  
*(for continuation/divisional with Box 17 completed)*  
**[NOTE Box 5 below]**
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior  
application, see 37 C.F.R. 1.63(d)(2)  
and 1.33(b).
5.  Incorporation By Reference *(useable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a  
copy of the oath or declaration is supplied under Box 4b, is  
considered as being part of the disclosure of the accompanying  
application and is hereby incorporated by reference therein.
6.  Microfiche Computer Program *(Appendix)*
7.  Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*
  - a.  Computer Readable Copy
  - b.  Paper Copy *(identical to computer copy)*  
**[ ] Pages**
  - c.  Statement verifying identity of above copies
8.  Assignment Papers (cover sheet & documents)  
 Assignee -
- Mosaic Technologies  
303 Bear Hill Road, Waltham, MA 02451-1016
9.  37 C.F.R. 3.73(b) Statement  Power of Attorney  
*(when there is an assignee)*
10.  English Translation Document *(if applicable)*
11.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
12.  Preliminary Amendment
13.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*
14.  Small Entity  Statement filed in prior application,  
Statement(s) status still proper and desired
15.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*
16.  Nonpublication Request *(check parent application)*
17.  Other: \_\_\_\_\_

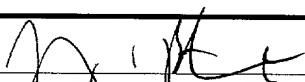
18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner: Group Art Unit:

**19. CORRESPONDENCE ADDRESS**

NAME	Doreen M. Hogle, Esq.				
	HAMILTON, BROOK, SMITH & REYNOLDS, P.C.				
ADDRESS	Two Militia Drive				
CITY	Lexington	STATE	MA	ZIP CODE	02421-4799
COUNTRY	USA	TELEPHONE	(781) 861-6240	FAX	(781) 861-9540

Signature		Date	19 JANUARY 2001
Submitted by Typed or Printed Name	Raymond I. Bruttomesso, Jr.	Reg. Number	33,840